

Abstract of the Disclosure

A method and device for editing a media file comprising input video frames. The editing device comprises a frame analyzer to determine whether the input video frames have the frame characteristics suitable for compressed domain editing or spatial domain editing. For those frames suitable for compressed domain editing, the frame analyzer provides frame data to a compressed domain processor so that video frame data can be modified in the compressed domain. For those frames only suitable for spatial domain editing, the frame analyzer provides frame data to a decoder and then to a spatial domain processor for frame data modification. The modified data at different domains are combined and converted to file format by a file format composer. Moreover, a file format parser is used to separate audio data from video data so that audio data can also be modified, if so desired.